

WHAT IS CLAIMED IS:

1. A disc cartridge comprising:

a cartridge body including a disc storage portion, a chucking opening and a head opening, wherein the disc storage portion stores a disc, having first and second sides, therein so that the disc is rotatable in the disc storage portion and that the first side of the disc is exposed; the chucking opening is formed on the bottom of the disc storage portion so as to get the disc chucked externally; and the head opening is also formed on the bottom of the disc storage portion so as to allow a head, which reads and/or writes a signal from/on the second side of the disc, to access the second side of the disc;

a pair of shutters, which is supported, and movable with respect to the cartridge body, between the second side of the disc and the bottom of the disc storage portion so as to expose or cover the chucking and head openings; and

a disc holder, which is provided for the shutters, presses the disc against the shutters, and holds the disc thereon while the chucking and head openings are covered with the shutters,

wherein the head opening reaches a side surface of the cartridge body, and wherein an opener/closer for use to open and close the shutters is provided for at least one of the shutters and is located inside the head opening.

2. A disc cartridge comprising:

a cartridge body including a disc storage portion, a chucking opening and a head opening, wherein the disc storage portion stores a disc, having first and second sides, therein so that the disc is rotatable in the disc storage portion and that the first side of the disc is exposed; the chucking opening is formed on the bottom of the disc storage portion so as to get the disc chucked externally; and the head opening is also formed on the bottom of the disc storage portion so as to allow a head, which reads and/or writes a signal from/on the second side of the disc, to access the second side of the disc;

a pair of shutters, which is supported, and movable with respect to the cartridge body, between the second side of the disc and the bottom of the disc storage portion so as to expose or cover the chucking and head openings; and

a disc holder, which is provided for the shutters, presses the disc against the shutters, and holds the disc thereon while the chucking and head openings are covered with the shutters,

wherein the shutters have first and second pairs of contact portions, each pair of contact portions contacting with each other, the first and second pairs being not aligned with each other.

10 3. The disc cartridge of claim 2, wherein the contact portions of each of the first and second pairs are sloped, and overlap with each other, in a thickness direction of the disc.

4. A disc cartridge comprising:

a cartridge body including a disc storage portion, a chucking opening and a
15 head opening, wherein the disc storage portion stores a disc, having first and second sides, therein so that the disc is rotatable in the disc storage portion and that the first side of the disc is exposed; the chucking opening is formed on the bottom of the disc storage portion so as to get the disc chucked externally; and the head opening is also formed on the bottom of the disc storage portion so as to allow a head, which reads and/or writes a signal from/on
20 the second side of the disc, to access the second side of the disc;

a pair of shutters, which is supported, and movable with respect to the cartridge body, between the second side of the disc and the bottom of the disc storage portion so as to expose or cover the chucking and head openings; and

a number of disc holders, which are provided for the shutters, press the disc
25 against the shutters, and hold the disc thereon while the chucking and head openings are covered with the shutters,

wherein at least one of the disc holders is movable toward the center of the disc storage portion with respect to one of the shutters.

5. A disc cartridge comprising:

a cartridge body including a disc storage portion, a chucking opening and a head opening, wherein the disc storage portion stores a disc, having first and second sides, therein so that the disc is rotatable in the disc storage portion and that the first side of the disc is exposed; the chucking opening is formed on the bottom of the disc storage portion so as to get the disc chucked externally; and the head opening is also formed on the bottom of the disc storage portion so as to allow a head, which reads and/or writes a signal from/on the second side of the disc, to access the second side of the disc;

a pair of shutters, which is supported, and movable with respect to the cartridge body, between the second side of the disc and the bottom of the disc storage portion so as to expose or cover the chucking and head openings;

a number of disc holders, which are provided for the shutters and each of which has a downwardly tapered slope that presses the disc against the shutters and holds the disc thereon while the chucking and head openings are covered with the shutters; and

a number of disc stoppers, each of which has a disc contact portion that prevents the disc from dropping down from the disc storage portion and which are provided for the cartridge body to protrude over the disc,

wherein a portion of the slope of each said disc holder is located over the contact portion of each said disc stopper.

6. The disc cartridge of claim 1, wherein the pair of shutters is locked together while closed.

7. The disc cartridge of claim 1, further comprising a shutter contact portion that regulates the positions of the shutters being closed.